

Application Serial No. 10/655,632

Attorney Docket No. 80116

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ABSTRACT OF THE INVENTION

A method is disclosed of generating a predetermined field of cavitation around a remote target in an underwater environment. The method includes the steps of identifying a remote target location, generating at least two acoustic ~~beamforms~~ beams, each at a high power output, from an underwater acoustic source, and controlling the generated acoustic ~~beamforms~~ beams to intersect with each other at the remote target location and thereby create a destructive cavitation field at the intersection of the ~~beamforms~~ beams. The acoustic source and target can be located in unconfined underwater space and at a distance of at least 100m apart.